Original / Duplicate / Triplicate

SBR.No

CONTRACT CERTIFICATE

Date.....20.....

No. 1st and Part Bill 11/3/22 (For Other Works)

Division :Project Division (RRNagara) **Sub-Division : Project Sub Division - (RRNagara)**

Estimate Cost(Rs) **990.00 Lakhs**

Bill received No .....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No Head of Account : **P-3460** D.R. No:

Name of Work (as per sanctioned estimate):- **Construction of Rajarajeshwari School (Kalpana Road) building in Ward No.17 J.P Park.**

Job Code 017-19-000004.

As No& Dt EE(P)/RRN/AS NO/06/21-22 Dt:-06.11.2021.

Ts No & Dt CE/RRN/TS NO/33/21-22 Dt:-27.07.2021.

Ag No & Dt EE(P)/RRN/Ag NO/28/21-22 Dt:-12.11.2021.

Name of Contractor and Full Address : M/S M.R.Infra.

Reference to Work order No :Wo No: EE(P)/RRN/ W.O/25/21-22, Dt:- 12.11.2021.

Certified that the measurements were taken by me on 28/02/2022 and recorded of Pages No 270725 to 729/L Of measurement Book No : 2708 and that the work is satisfactorily executed.

Signature of Contractor

Officer-in-charge of work
AE/JE (P) R.R.N

Certified that the measurements were taken by me on 28.02.2022 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Sub Division Office
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

I & II Part bill Amount of Rs-> 25633514
GST 12% -> 3076022
Grand Total 28709536

If Memorandum of Payment

1.Total value of work done or supplies made as per account within	Adjustments Details
2.Deduct amount to be held in reserve being.....percent Rs...	
3. " Balance	
4.Deduct Payment :	I.T.....512670.00.....
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....- Amount adjusted towards cash advance recovery of	CGST & SGST...256335+256335
b) Payments cost store or other materials supplied. Now made recovery of amount creditable to this/other work Amount paid on this bill Cheque/Cash	CBF.....256334.00.....
	FSD.....
1.Balance being unpaid value of work done held in reserve	Labour CESS...256335.00.....
2.Deduct cash advance made on the office Cash Book Voucher No date .....less adjustments	Royality.....308000.00.....
3.Net amount due to or from contractor Unadjusted items	Total.....1615309.00.....
4.Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	

Net Amt Rs-> 27094227/-

Contractor's Signature

Received Rs .....(in works)

.....

Passed for Rs...28709536.00 (or Office)

By Cash and by adjustment of Payment as per memorandum Net Cheque Rs...27094227.00

Adjustment Rs....1615309.00.... Only

Rs. In Words....Two Crore Seventy Lakhs Ninety four thousand two hundred and twenty seven only

Witnesses:

1.

2.

Dated .....**Signature of Contractor**

Paid by me by cheque No.....Dated.....

Cash Rs .....Dated.....

Initials of Officer Making Payment

Accts Supp
RRNZ
BBMP

EE (P)
Executive Engineer(P)
RRNZ
BBMP

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Item No	Description	unit	BOQ Qty	Approved BOQ Rate	Previous Measurement		Present Measurement			Total Up-today	
					Qty	Cost	Qty	Rate	Cost	Qty	Cost
1	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removalof stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness complete as per specifications. II. By Mechanical Means: A. In area of light jungle	Ha	1.00	22409.05	–	–	0.97	22409.05	21737.00	0.97	21737.00
2	Earth work for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring strutting and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required & utilising/transporting the remaining earth upto 1.00 km lead. Including the cost of labour & HOM as per drawing and technical specification	Cum	2888.00	73.79	–	–	2888.00	73.79	213106.00	2888.00	213106.00
3	Earth work excavation for foundation of structures upto 3 mtrs.by mechanical means as per drawing and technical specification, including setting out, providing shoring, strutting and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required and utilising / transporting the remaining earth upto 1.00km lead, including cost of labour, materials and HOM etc., complete. - do - In all types of soils	Cum	2083.65	62.90	–	–	1573.46	62.90	98971.00	1573.46	98971.00
4	Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.	Cum	863.40	325.38	–	–	863.40	325.38	280933.00	863.40	280933.00
5	Providing sand and cement piles with all leads and lift of 1.5 m. for stabilising foundation after duly making 5 cms. dia holes to a depth of 1.2 to 1.5 m. at 0.5 m c/c and filling with sand and 10% cement and tamping wherever required including cost of materials, labour complete as per specifications	Sqm	1161.50	435.46	–	–	1161.50	435.46	505787.00	1161.50	505787.00
6	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor,along the external perimeter of building,expansion joints,over the top surface of consolidated earth on which apron is to be laid,surrounding of pipes and conduits with chloropyriphos emulsifiable concentrates of 20% concentration,including cost of chemical,diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications.(Plinth area of the building at ground floor only shall be measured	Sqm	1126.50	128.22	–	–	1126.50	128.22	144440.00	1126.50	144440.00
7	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.	Cum	232.30	2938.12	–	–	232.30	2938.12	682525.00	232.30	682525.00
8	Providing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications.	Cum	56.10	2491.78	–	–	56.10	2491.78	139789.00	56.10	139789.00
9	Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications.specification	Cum	1021.00	487.47	–	–	1021.00	487.47	497707.00	1021.00	497707.00
10	Loading and Unloading of Stone Boulders/Stone Aggregates/sand/Kanker/moorum by Manual Means complete as per specifications. MORTH -100/ Chapter 1 & cost of Haulage excluding loading & unloading - 15 km	Cum	2888.00	115.39	–	–	2888.00	115.39	333246.00	2888.00	333246.00

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Item No	Description	unit	BOQ Qty	Approved BOQ Rate	Previous Measurement		Present Measurement			Total Up today	
					Qty	Cost	Qty	Rate	Cost	Qty	Cost
11	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs. with 40mm & down size graded grinite metel coarse aggregates @ 0.892 cum & fine aggregates @ 0.465 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms. thick well compacted, in foundation & plinth, cost of all materials, labour, HOM of machinery, curing complete as per specification	Cum	252.65	6577.88	-	-	252.65	6577.88	1661901.00	252.65	1661901.00
13	Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded grinite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisiser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed 2008. Maichine mixed, concrete laid in layers not exceeeding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, fillets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification.Ground floor	Cum	26.70	7486.45	-	-	26.70	7486.45	199888.00	26.70	199888.00
18	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) FOOTING & COLUMN	Cum	734.00	7254.43	-	-	635.49	7254.43	4610118.00	635.49	4610118.00
19	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) GRADE BEAM	Cum	428.60	7254.43	-	-	140.71	7254.43	1020771.00	140.71	1020771.00
20	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) ROOF SLAB	Cum	682.80	7254.43	-	-	298.87	7254.43	2168131.00	298.87	2168131.00
21	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for Foundation , footing , bases of columns for mass concrete including cost of all materials, labour complete as per specifications.	Sqm	818.94	312.08	-	-	794.38	312.08	247910.00	794.38	247910.00
22	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. GROUND FLOOR	Sqm	1907.10	353.20	-	-	1907.10	353.20	673588.00	1907.10	673588.00
27	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. GROUND FLOOR	Sqm	627.50	551.58	-	-	627.50	551.58	346116.00	627.50	346116.00
32	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials. labour complete as per specifications. Specification upto 3.5 m from Ground level - GROUND FLOOR	Sqm	1153.60	483.84	-	-	1153.60	483.84	558158.00	1153.60	558158.00
37	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials. labour complete as per specifications. GROUND , FIRST , SECOND, THIRD FLOOR	Sqm	182.80	913.25	-	-	51.45	913.25	46987.00	51.45	46987.00
39	Providing and removing centring, shuttering, strutting, proping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials,labour complete as per specification and directed by the Engineer in Charge. GROUND , FIRST , SECOND, THIRD FLOOR	Sqm	214.00	628.99	-	-	84.96	628.99	53439.00	84.96	53439.00

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Item No	Description	unit	BOQ Qty	Approved BOQ Rate	Previous Measurement		Present Measurement			Total Up today	
					Qty	Cost	Qty	Rate	Cost	Qty	Cost
40	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantic metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs machine mixed well compacted plain chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification GROUND FLOOR	Sqm	48.00	599.96	-	-	43.91	599.96	26344.00	43.91	26344.00
45	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels of all shapes & sizes, at all elevations & heights.	Sqm	195.00	390.70	-	-	43.91	390.70	17156.00	43.91	17156.00
48	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No KBS 4.6.3. FOR TMT Bars Fe- 500. GROUND FLOOR	Sqm	90.53	94357.27	-	-	90.53	94357.27	8542164.00	90.53	8542164.00
53	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 15 cms high, bond stones at two m apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	58.40	5559.32	-	-	54.83	5559.32	304818.00	54.83	304818.00
54	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0 newton per sq mm (table moulded) with cement mortar 1.4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.GROUND FLOOR	Cum	209.10	8631.13	-	-	209.10	8631.13	1804769.00	209.10	1804769.00
59	Construction of partition wall 11.2 cms thick with non modular table moulded burnt bricks of class designation 5.0Newton per Sqmm with cement mortar 1:4 including cost of materials, labour charges, scaffolding, curing complete as per specifications. GROUND FLOOR	Sqm	24.00	1125.07	-	-	24.00	1125.07	27002.00	24.00	27002.00
164	Geophysical investigation of site for sinking Bore - well for supplying drinking water to the habitation either through the Hand Pump, MWS or PWSS by vertical electrical sounding by adopting Veneer on Schlumbergers method, including reconnaissance survey of geological formation, geophysical investigation of existing ground water in the vicinity, its quality quantity & accept - ability of the users indicating the location site, recommended depth of casing pipe required to seal the top unconsolidated formation, including an extra depth of 1.0 mtrs in consolidated formation for proper seating of casting depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personnel and labour required etc.	Each	1.00	4220.16	-	-	1.00	4220.16	4220.00	1.00	4220.00
165	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic rig of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig & supporting vehicle, crew charges & cost of consumables etc., complete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc. 2.1 - 0.00 to 50.00 mtrs	Each	50.00	388.64	-	-	50.00	388.64	19432.00	50.00	19432.00

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Item No	Description	unit	BOQ Qty	Approved BOQ Rate	Previous Measurement		Present Measurement			Total Up today	
					Qty	Cost	Qty	Rate	Cost	Qty	Cost
166	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic rig of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig & supporting vehicle, crew charges & cost of consumables etc., complete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc. 2.2 - 50.00 to 100.00mtrs	Each	50.00	495.04	-	-	50.00	495.04	24752.00	50.00	24752.00
167	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic rig of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig & supporting vehicle, crew charges & cost of consumables etc., complete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc.2.3 - 100.00 to 150.00 mtrs	Each	50.00	510.72	-	-	50.00	510.72	25536.00	50.00	25536.00
168	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic rig of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig & supporting vehicle, crew charges & cost of consumables etc., complete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc. 2.4 - 150.00 to 200.00 mtrs	Each	50.00	600.32	-	-	50.00	600.32	30016.00	50.00	30016.00
169	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic rig of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig & supporting vehicle, crew charges & cost of consumables etc., complete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc. 2.5 - 200.00 to 250.00 mtrs	Each	50.00	710.08	-	-	50.00	710.08	35504.00	50.00	35504.00
170	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic rig of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig & supporting vehicle, crew charges & cost of consumables etc., complete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc. 2.6 - 250.00 to 300.00 mtrs	Each	50.00	784.00	-	-	50.00	784.00	39200.00	50.00	39200.00
171	Supply of ISI mark 175 mm nominal bore, plain end steel casing pipe grade of steel Fe 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, eletric resistence welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts. Both ends threaded confirming to IS 554/1985, one end fixed with socket conforming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking, weighing 25.10Kg/mtr (inclusive of all taxes and duties). Prices including collar medium duty	Each	30.00	1508.36	-	-	30.00	1508.36	45251.00	30.00	45251.00
172	Providing and fixing 175mm dia borewell cap medium class(MR)	Nos	1.00	115.36	-	-	1.00	115.36	115.00	1.00	115.00
173	M.S. Casing pipe collars "B" class (MR)	Nos	5.00	173.04	-	-	5.00	173.04	865.00	5.00	865.00
174	Supply and delivery at site brand new submersible PUMPSET suitable for borewell of 150mm dia and haing declared duty conditions as detailed below nd satisfying performance characteristic for pump and motar as declared by Bureau of Indian Standards. The pump should confirm to IS 928 / 55 (with all its latest amendments) and should bear the ISI certification mark is 928/55. The pumpset should consist of bronze impellers, Discharge : 750 lph, Head L102.88 mts 10HP /7.5KW 20 Stage. ATLANTA,Suguna, CRI, Kirloskar or other equivalent pumps	Nos	1.00	57628.09	-	-	1.00	57628.09	57628.00	1.00	57628.00

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Item No.	Description	Unit	Bill Qty	Approved Bidy Rate	Previous Measurement		Present Measurement			Total up to date	
					Qty	Cost	Qty	Rate	Cost	Qty	Cost
175	Supplying and laying 1 core flat PVC sheathed armoured copper cable insulated with electrolytic grade copper with flexible copper with low resistance conductor conforming to IS 8130 1984 and single pole PVC insulation and provided overall PVC sheathed suitable for working voltage upto 1100Volts as per IS 694 1990 3 x 6 Sqmm	Rmt	100.00	220.00			100.00	220.00	22000.00	100.00	22000.00
176	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of ms pipe of supporting clamps bolts nuts valve gauges etc. involved in the job (Excl cost of Pipe and specials will be supplied by the board at the site free of charge) (Ref EW/O&M/ Letter No EW/O&M/ E(M)/ D(M)/ A/ 82/94/ 8868 dated 21/12/98)	Rmt	1.00	14601.00			1.00	14601.00	14601.00	1.00	14601.00
177	Providing GI/CI waste valves conforming to IS specifications and fixing them in position as per directions including cost of materials fixtures and conveyance to work upto etc complete 50 mm dia	Rmt	2.00	254.00			2.00	254.00	508.00	2.00	508.00
178	Supplying fully automatic wet type water unit push button type with suitable wires 3 numbers two adjustable thermal type mounted on a common base plate held in steel enclosure for use on 230/440 volts 3 phase and wired after fixing to the existing wooden board for motor 40 amps 3 HP	Rmt	1.00	8000.00			1.00	8000.00	8000.00	1.00	8000.00
179	Erection of single phase preventer / connectors / including fixing electro switch / isolators / current operated earth leakage circuit breakers / voltage operated circuit breakers / upto 100A fuse element set (3 Nos) HRC fuse upto 100A (3 Nos) / digital ammeters/digital volt meters/ set of 3 indicating lamps /MCB / Relays /A V selector switches including wiring using suitable capacity wires bolts nuts screws	Rmt	1.00	175.84			1.00	175.84	175.00	1.00	175.00
180	Providing supplying and erecting MS fore made out of ISMC suitable for floor/ wall supporting fully welded good with provision for latter heat dissipation provided with hinged front cover with wire mesh fixed by being arrangements with suitable size flanges with necessary cable entry pipe with gland and bare should be finished with / powder treatment and provides rear all panel to be finished with approved colours etc	sq.m	10000.00	0.34			10000.00	0.34	11000.00	10000.00	11000.00
181	Supplying and fixing miniature circuit breakers/isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required 40 to 63 amps triple pole	Nos	1.00	758.34			1.00	758.34	798.00	1.00	798.00
182	Providing and making of GI copper strip as providing connection using necessary fixing material required 50x6mm size GI plate	Nos	1.00	851.00			1.00	851.00	851.00	1.00	851.00
183	Supplying and fixing fire alarm bell with out box on the existing wooden / panel using necessary wires bolts and washers etc , complete	Nos	3.00	134.00			3.00	134.00	403.00	3.00	403.00
184	Providing and fixing in position brass gate valve with C I Wheel of approved quality screwed ends 15mm nominal bore including cost of all materials labour and lead of conveyance with all leads complete as per specifications Specification No EWS 13 x 6/ 13 6	Nos	1.00	3103.49			1.00	3103.49	3103.00	1.00	3103.00
185	Supplying and laying of 3 1 1/1 KV cable having aluminium conductor PVC insulated sheathed galvanised steel wire/steel tape armoured cable with PVC outer sheathing 3 1 KV class 3 core 16 Sqmm PVC cable	mtr	25.00	168.00			25.00	168.00	4200.00	25.00	4200.00
186	Labour charges for laying of 3 1 KV Class (II) cable 4 Sqmm to 16 sqmm (XLPE) Fig 6D page (6) (Ref Pg no 6.1 & 6.2)	mtr	25.00	13.91			25.00	13.91	444.00	25.00	444.00
187	Digging of trench of 0.6m deep x 0.45 mtr wide refilling the trench to the required ground level and consolidating in Hard soil etc complete complete as per specifications and directions of the Engineer in Charge	cum	20.00	85.13			20.00	85.13	1703.00	20.00	1703.00
188	Supplying and fixing Class A (Medium duty) GI pipe wall thickness not less than 1.6mm on pole/wall/beam crossing with necessary clamping arrangements for (II) cable of 3 1 KV class 6/mm	mtr	10.00	633.80			10.00	633.80	6338.00	10.00	6338.00
189	Supplying and fixing 3 1 cast iron gland heads suitable for 3 1 KV class (II) cable filled with necessary bitumen / insulating compound complete With terminals clamps bolts nuts and washers etc complete for 16 Sqmm as per specification	Each	1.00	902.40			1.00	902.40	902.00	1.00	902.00

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Item No	Description	unit	BOQ Qty	Approved BOQ Rate	Previous Measurement		Present Measurement			Total Up today	
					Qty	Cost	Qty	Rate	Cost	Qty	Cost
190	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m after breaking of clods complete as per specification spacification. No KBS 2.1(b) / 2.3.5	Cum	15.75	517.97	-	-	15.75	517.97	8158.00	15.75	8158.00
191	Providing and installing at site work P.V.C Including cost of pipe and specials and Labour, including lowering into trenches, laying true to line level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe allround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., Complete, PVC pipes 63mmdia of 6kg/cm2 PRED SR Page NO.15,item nO 3.4.2	Cum	35.00	129.20	-	-	35.00	129.20	4522.00	35.00	4522.00
192	Refilling available earth around pipe lines, cables in lavers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m including cost of all labour complete as per specificifictions.	Cum	11.81	139.59	-	-	11.81	139.59	1649.00	11.81	1649.00
	Total Cost(Rs)								**25633514.00**		**25633514.00**

Add GST charges 12% **3076022.00**

Total Amount Rs. **28709536.00**

CERTIFICATE:

1) Certified that the above work Carried out as per Specifications and work done satisfactorily

2) Certified that the above Work Execavated earth and debries cleared from the work spot.

Assistant Engineer
Rajarajeswarinagara

AE/JE (P) R.R.N

Assistant Executive Engineer
Rajarajeswarinagara Zone

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

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